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(SWINE, diseases,  
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(DOGS, diseases,  
same)

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L 14377-53

REF ID: A6717

P/0045/63/023/005/0557/0566

AUTHOR: Kotaniak, Andrzej; Nemycowich, Jozef

TITLE: The CDD poles and the agreement of a solution of the Low equation with  
the experimental results

SOURCE: Acta physica polonica, v. 23, no. 5, 1963, 557-566

TOPIC TAGS: CDD pole, Low equation, deviation of Salmeann theorem, pion-proton  
scattering, p-wave analysis, partial wave analysis

ABSTRACT: The theoretical curve for the Chew-Low theory of the p-wave pi-N  
scattering deviates from the experimental points above 150 MeV. The paper studies  
the cause of this, discusses the admitted approximations and their influence on  
the disagreement between the theory and experiments; briefly summarises Castillejo,  
Dalitz and Dyson's work showing the multiplicity of Low equation solutions; finds  
the explanation that the considered deviation of Salmeann's curve and experimental  
points in the higher energies results from omission of a CDD pole; offers proof  
of the generalized Herglotz theorem, essential in the CDD consideration.

Association) Inst. of Physics, Jagellonian University

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Card

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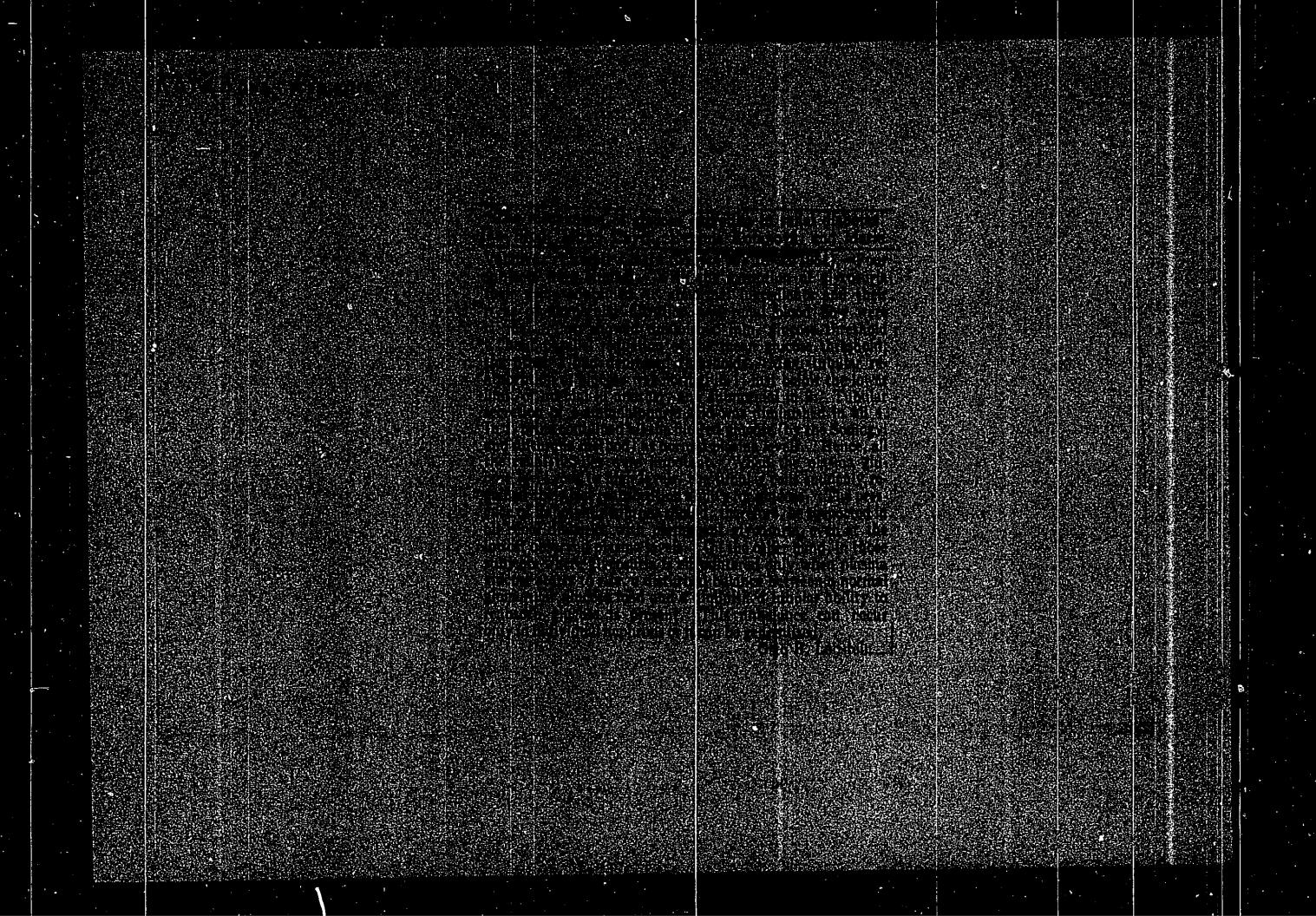
(KIDNEY FUNCTION TESTS,

separate clearance tests, eff. of ureteral intubation  
on kidney funct.)

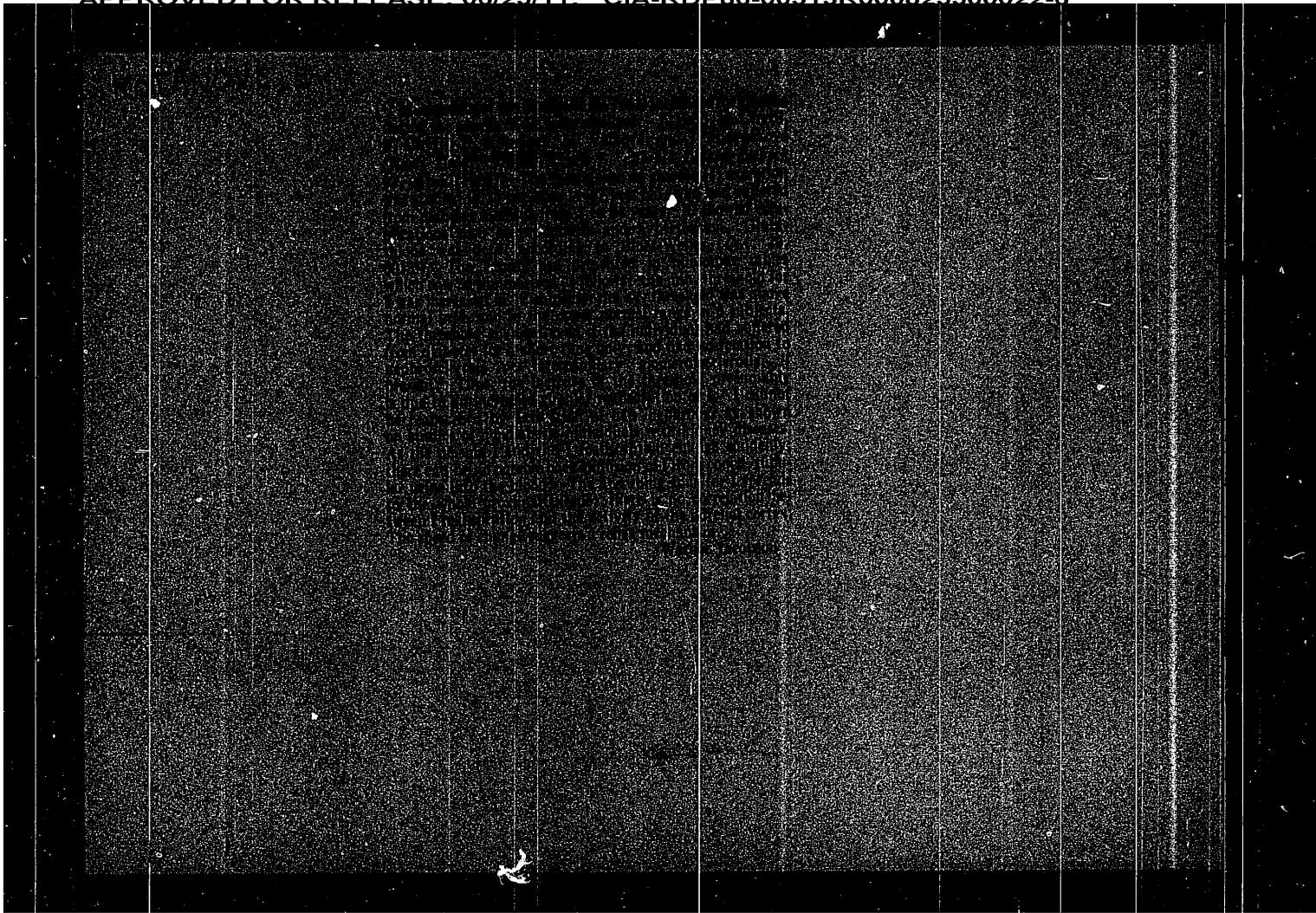
(URETERS, physiology,

eff. of intubation on kidney funct. in separate  
clearance tests)

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KOTAL', Miroslav, kand.tekhn.nauk (Praga, Chekhoslovakiya); CHERNYAVSKAYA,  
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(Ferrates) (Magnetic fields) (Differential equations)

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KUCERA, Jaroslav, prof., inz., dr., doktor technickych ved; HAPL, Josef, doc., inz.; KOTAL, Miroslav, doc., inz., kandidat technickych ved

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MOTAL, Milous, inz.

Mechanization of the Unified Land Records. Geod kart  
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HOIECEK, V.; KOTAL, L.

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Karlove University v Plzni.

KOTAL, L.; JANEK, A.

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KOTAL, J.

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Public Health

HUNGARY

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Budapest, Magyar Traumatologia, Orthopaedia es Helyreallito Sebeszet, Vol IX, No 4, 1966, pages 314-318.

Abstract: [Authors' English summary modified] From the patient material of the Central Ambulatory Services for Injuries Caused by Accidents (seen between Jan-Jun 1963 and Jan-Jun 1965), the cases were selected by the authors in which the injuries were caused by acts of violence. The causes and circumstances of the injuries as well as their hygienic and social importance are discussed. The possibilities and need of prevention are also pointed out. No references.

2473  
1/1

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Janos (Budapest)

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(EPAI 9:6)

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(Adipic acid)

KOVACS, Kalman, dr. (Budapest); KOTAI, Andras, dr. (Budapest)

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BRUCKNER, Viktor, prof., dr. (Budapest); KOTAI, Andras, dr. (Budapest);  
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Tuberculostatic action of a synthetic polypeptide derivative.  
Tuberkulozis 12 no.11:263-264 N '59.

1. A Budapesti Mórfos L. Tudományegyetem Szerveskemiai Intezetének  
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Laboratoriumnak közlemenye.

(PEPTIDES pharmacol)  
(MYCOBACTERIUM TUBERCULOSIS pharmacol)

KOTAII, A.

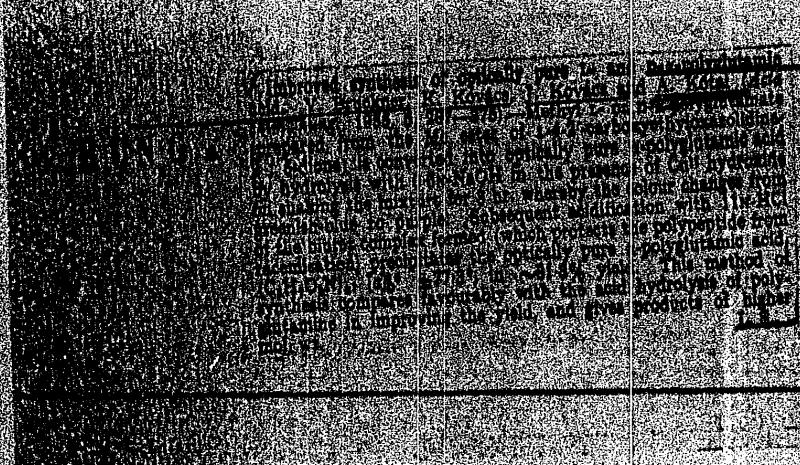
✓ Optically pure 2-hydroxy-2-methylpropanoic acid (D,L-isomer) has been synthesized by the reduction of 2,2-dimethyl-3-oxobutanoic acid with LiAlD<sub>4</sub>. The synthesis of the optically pure D,L-isomer has been reported previously.<sup>1</sup> Hydrolysis of the ester with NaOH in the presence of Cu(OH)<sub>2</sub> gave polyacrylic acid.<sup>2</sup> Hydrolysis of the ester with NaOH in the presence of Hg(OAc)<sub>2</sub> gave polyacrylic acid.<sup>3</sup> R. H. Alexander  
-14-

KOTAII

(OK) *[Signature]*

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300022-6

KOTAI, A.



KOTAI, A.

TUNG

A small portion of optically pure (+)-D,L-tartaric acid was added to a solution of 100 mg of (+)-tartaric acid in 10 ml of water and benzene. After 10 minutes, the reaction mixture was filtered and the filtrate was analyzed by polarimetry. The optical rotation of the filtrate was +10.0°. This value corresponds with that expected for a 50% optically pure sample. No recrystallization occurred from the optically pure acid obtained in the first step. The yield of (+)-tartaric acid was 90%.

D. S. F.

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dust firing. Energetika Cz 11 no.4:180-182 Ap '61.

KOTA, M., inz.

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48 no.5:277-278 My '59.

KOTA, Jozsef, dr., okleveles banyamernok

Detonation transmission by rod-shaped glass bodies. Bany lap 96  
no.7:433-441 Jl '63.

1. Banyabiztonsagi es Robbantastechnikai Kutato Intezet  
igazgatoja, Tatapanya.

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Acute myocardial infarct associated with early perforation of the septum. Orv. hetil. 104 no. 5:225-226 3 I '63.

1. Kormend Jarasi Tanacs Korhaz, Belosztaly.  
(MYOCARDIAL INFARCT) (HEART SEPTUM, VENTRICULAR)  
(PERICARDITIS) (AMINOTRANSFERASES) (BLOOD)

KOTA, Jozsef, dr.

Pernicious anemia associated with chronic lymphocytic leukemia.  
Orv. hetil. 106 no.7:803-804 25 Ap'65.

l. Jarasi Tanacs Korhaza, Kormend, Belosztaly (foorvos: Peter,  
Ferenc, dr.).

11.2121

AUTHOR: K6ta, J6zsef

TITLE: Mode of binding nitroglycerol in powdered explosives

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 73, abstract  
2L448 (Hungarian patent no. 146961, 31.05.60)

TEXT: For the binding of liquid nitroglycerol (I) in the preparation of industrial explosives (IE), the use of carbon black is recommended. In the preparation of IE for underground work the necessary quantity of finely-ground oxidizers, e. g.  $\text{NH}_4\text{NO}_3$  (II), is introduced besides carbon black. According to the author's data, the sensitivity of I protected by addition of carbon black is lower than that of I gelatinated by nitrocellulose as in ordinary dynamites. IE samples for open air work (in %): I 60, carbon black 40; for underground work: I 5.0, carbon black 6.8, and II 88.2. [Abstracter's note: Complete translation.] ✓

Card 1/1

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Basic problems of rock blasting. p. 641.

BANYASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary.  
Vol. 14, no. 10 Oct. 1959.

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Uncl.